

DOCKET NO.: VTN5013

PATENT

Application No.: 10/675,070

Office Action Dated: September 1, 2005

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. **(Currently amended)** A method of making an ophthalmic device from uncured components comprising dissolving the uncured components in a diluent comprising α -methyl- ω -hydroxy poly(oxy-1,2-ethanediyl) to form a reactive monomer mix, and curing said reactive monomer mix at a temperature below the T_g of the uncured components in the reactive monomer mix-uncured components.

2. **(Original)** The method of claim 1 wherein said diluent further comprises up to about 20 weight% of a second diluent.

3. **(Original)** The method of claim 1 wherein said diluent further comprises up to about 15 weight% of a second diluent.

4. **(Original)** The method of claim 1 wherein said diluent further comprises up to about 10 weight% of a second diluent.

5. **(Original)** The method of claim 1 wherein said uncured components comprise at least one hydrophilic monomer.

6. **(Original)** The method of claim 5 wherein said hydrophilic monomers are selected from the group consisting of glycerol monomethacrylate, N,N-dimethylacrylamide, 2-hydroxyethyl methacrylate, glycerol methacrylate, 2-hydroxyethyl methacrylamide, polyethyleneglycol monomethacrylate, methacrylic acid, acrylic acid N-vinyl pyrrolidone, N-vinyl-N-methyl acetamide, N-vinyl-N-ethyl acetamide, N-vinyl-N-ethyl formamide, N-vinyl formamide and mixtures thereof.

7. **(Original)** The method of claim 5 wherein said hydrophilic monomers comprise polyoxyethylene polyols having one or more of the terminal hydroxyl groups replaced with a functional group containing a polymerizable double bond.

8. **(Original)** The method of claim 5 wherein said hydrophilic monomers are selected from the group consisting of polyethylene glycol, ethoxylated alkyl glucoside, and ethoxylated bisphenol A reacted with one or more molar equivalents of an end-capping group such as isocyanatoethyl methacrylate, methacrylic anhydride, methacryloyl chloride, vinylbenzoyl chloride.

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9. (Original) The method of claim 5 wherein said hydrophilic monomers comprise from about 80 weight% to about 98 weight% of said uncured components.

10. (Original) The method of claim 5 wherein said hydrophilic monomers comprise from about 90 weight% to about 95 weight% of said uncured components.

11. (Original) The method of claim 5 wherein said uncured components further comprise at least one hydrophobic monomer.

12. (Original) The method of claim 5 wherein said uncured components further comprise at least one additional component selected from the group consisting of crosslinkers, polymerization catalysts, UV absorbers, dyes, medicinal agents, reactive tints, pigments, photochromic compounds, release agents and combinations thereof.

13. (Original) The method of claim 1 wherein said ophthalmic device is a contact lens.

14. (Original) The method of claim 1 wherein said ophthalmic device is a soft contact lens.

15. (Original) The method of claim 14 wherein said soft contact lens is non-ionic.

16. (Currently Amended) A method of making an ophthalmic device from uncured components comprising dissolving the uncured components in a diluent comprising tetrapropylene glycol to form a reactive monomer mix, and curing said reactive monomer mix at a temperature below the T_g of the uncured components in the monomer mix-uncured components.

17. (New) The method of claim 1 wherein said process further comprises the step of degassing said reactive monomer mix at about room temperature.

18. (New) The method of claim 16 wherein said process further comprises the step of degassing said reactive monomer mix at about room temperature.